

## Curriculum Coverage Overview

Year 1 Topics	Overview of Unit	Objectives
London/Fire of London	We are storytellers	use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
		use technology safely and respectfully, keeping personal information private.....
Weather	We are researchers	use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
		use technology safely and respectfully, keeping personal information private.....
Mary and Florence	We are celebrating	use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
		use technology safely and respectfully, keeping personal information private.....
Materials	We are TV Chefs	understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
		use logical reasoning to predict the behaviour of simple programs
		use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
Animals and Humans & Living Things	We are detectives	use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
		use technology safely and respectfully, keeping personal information private.....
Seaside	We are photographers	use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
		use technology safely and respectfully, keeping personal information private.....
Year 2 Topics	Overview of Unit	Objectives
Explorers Armstrong & Columbus	We are astronauts	understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
		create and debug simple programs
		use logical reasoning to predict the behaviour of simple programs
When We Were Young	We are games testers	understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
		use logical reasoning to predict the behaviour of simple programs
		use technology safely and respectfully, keeping personal information private.....
		recognise common uses of information technology beyond school
Australia	We are painters	use technology purposefully to create, organise, store, manipulate and retrieve digital content
		recognise common uses of information technology beyond school
		use technology safely and respectfully, keeping personal information private.....
Castles	We are treasure hunters	understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
		use logical reasoning to predict the behaviour of simple programs
		recognise common uses of information technology beyond school
Forests and Plants	Beebot journeys	understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
		create and debug simple programs
		use logical reasoning to predict the behaviour of simple programs
		use technology purposefully to create, organise, store, manipulate and retrieve digital content

Computing

Minibeasts		recognise common uses of information technology beyond school use technology safely and respectfully, keeping personal information private.....
	We are zoologists	
Year 3 Topics	Overview of Unit	Objectives
Amerca	Comic books	
Victorians		
	We are animators	
Egypt		
	We are researchers	
Stone Age to Iron Age		
	We are presenters	
Rainforests		
	We are opinion pollers	
<b>You Are What You Eat</b>	<p><b>We are programmers</b> - In this unit, the children create and animated artoon using characters they design. They use a paint tool to create characters and backgrounds. They then create an animation by translating a storyboard into a series of scripted instructions (program) for graphic objects.</p> <p><b>We are Bug Fixes</b> - In this unit the children work with six examples Scratch projects. They explain how the scripts work, finding and correcting errors in them, and explore creative ways of improving them. The children learn to recognise some common types of programming error, and practise solving problems through</p>	<p>design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>use sequence, selection in programs; work with variables and various forms of input and output</p> <p>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>select, use and combine a variety of software to design and create ...content that accomplish given goals, including ...presenting... information</p> <p>Debug programs that accomplish specific goals</p>
Year 4 Topics	Overview of Unit	Objectives
Africa		
	We are musicians	
Electricity		
	We are software developers	
Greece		
	We are co authors	
Our Body		
	We are HTML editors	
Vikings		
	We are travel presenters	
Broads		

Computing

Previous		
	We are toy makers	
<b>Year 5 Topics</b>	<b>Overview of Unit</b>	<b>Objectives</b>
Saxons		
	We are artists	
The EU		
	We are bloggers	
Frozen Planet		
	We are explorers	
Romans		
	We are architects	
Earth and Space		
	We are web designers	
Coasts		
	We are photographers	
<b>Year 6 Topics</b>	<b>Overview of Unit</b>	<b>Objectives</b>
Tudors/Kett Rebellion		
	We are game developers	
Evolution		
	We are app developers	
Natural Disasters		
	We are meteorologists	
Lord Nelson		
	We are market researchers	
Lighthouses		
	We are comic makers	
Rivers		
	We are photographers (creating a year book)	